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# SD-WAN SECURITY CAPABILITIES OVERVIEW

## COMPLIANCE & PROTECTION FOR BUSINESSES WITH SENSITIVE DATA, SUCH AS FINANCIAL INSTITUTIONS



Whether you have one location or many, Windstream SD-WAN maintains privacy and safekeeping of confidential data, and enables simple, agile and secure branch office connectivity. Our SD-WAN service includes a distributed network of Gateways, a cloud-based Orchestrator and a thin, branch platform to establish a secure overlay network. The device provides secure optimized connectivity to private cloud and public cloud resources. The SD-WAN solution includes security capabilities to deliver a secure WAN boundary for branch offices.



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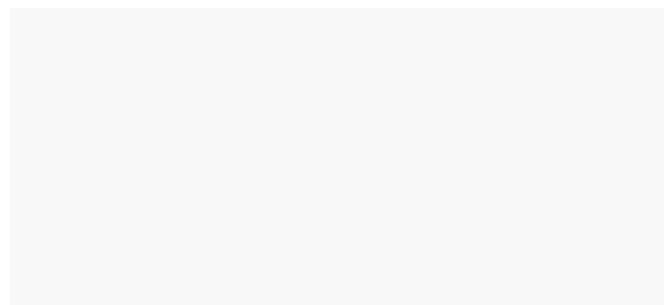
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# SECURITY CAPABILITIES MATRIX

CAPABILITY	FEATURE AND BENEFITS
Advanced Firewall	Stateful and app-aware advanced firewall delivers granular control of sub-applications, support for protocol-hopping applications, such as Skype and other peer-to-peer applications (e.g., disable Skype video and chat, but allow Skype audio). The secure firewall service is user- and device OS-aware with the ability to segregate voice, video, data, and compliance traffic.
Cloud VPN	<p>Cloud VPN is a 1-click VPNC-compliant IPsec VPN to connect Windstream sites while delivering real-time status and health of sites. New branches join the VPN network automatically with access to all resources in other branches, owned data centers, other locations where the customer has a Windstream SD-WAN deployed.</p> <p>VPN between branch sites utilizes IKEv2 for key management and IPsec for encryption. VPN traffic between the branch sites is encrypted end-to-end with AES-256 (optionally with AES-128) and integrity protected with SHA.</p>
Application Visibility and Control	Consolidated visibility that is application and identify aware with network and application performance correlation across all sites, ISPs and users.
Secure Edge Platform with role-based administration	Stateful and app-aware advanced firewall delivers granular control of sub-applications, support for protocol-hopping applications, such as Skype and other peer-to-peer applications (e.g., disable Skype video and chat, but allow Skype audio). The secure firewall service is user- and device OS-aware with the ability to segregate voice, video, data, and compliance traffic.

## FREE DEMO AVAILABLE

Contact us for more information



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